BRUHAT BANGALORE MAHANAGARA PALIKE

me of work: Restoration and Improvements of Ananthapura village, Prakruthi layout, Nisarga layout and surrounding areas in ward no-03 of Yelahanka New town Sub division

MBER.:

Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Est. Amount = 1000.00 Rate in Rs.	Lakhs Amount in Rs.
hwork excavation by manual means for roads, drains & similar works in ordinary soil excavated ace levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods plete as per specifications.								
/D S R 2018-19	It. No		19 10		Pg No	143		
CC Drain								
Marvel								
Main Rd		2	190.00	1.10	1.00	418.00		
Cross Rd		2	272.00	1.10	1.00	598.40		
Cross Rd		2	96.00	1.10	1.00	211.20		
Cross Rd		1	35.00	1.10	1.00	38.50		
Cross Rd		1	124.00	1.10	1.00	136.40		
Main 4th Cross Rd		1	39.00	1.10	1.00	42.90		
goliya Layout								
Cross Rd		1	150.00	1.10	1.00	165.00		
Cross Rd	Cum	2	134.00	1.10	1.00	294.80		
gondanahalli Village								
ana Anjanya Temple Rd		1	290.00	1.10	1.00	319.00		
n Veterinary Research Insitue Rd		2	170.00	1.10	1.00	374.00		
s Rd		1	50.00	1.10	1.00	55.00		
hnavi Appertment Rd		1	270.00	1.10	1.00	297.00		
nthpura Village								
rt Point Road 1		1	145.00	1.10	1.00	159.50		
n Veterinary Institute Rd		1	228.00	1.10	1.00	250.80		
Culvert								
		29	7.00	1.50	1.00	304.50		
						Total Qty 3665.00	215.28	789,601.20
viding and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and n size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine ed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, ding cost of all materials, labour, HOM curing complete as per specifications.								
/D S R 2018-19	It. No		4 3		Pg No	13		
CC Drain								
Marvel								
Main Rd		2	190.00	1.10	0.15	62.70		
Cross Rd		2	272.00	1.10	0.15	89.76		
Cross Rd		2	96.00	1.10	0.15	31.68		
Cross Rd		1	35.00	1.10	0.15	5.78		
Cross Rd		1	124.00	1.10	0.15	20.46		
Main 4th Cross Rd		1	39.00	1.10	0.15	6.44		
ngoliya Layout								
Cross Rd		1	150.00	1.10	0.15	24.75		
Cross Rd		2	134.00	1.10	0.15	44.22		
ngondanahalli Village								
sana Anjanya Temple Rd		1	290.00	1.10	0.15	47.85		
an Veterinary Research Insitue Rd		2	170.00	1.10	0.15	56.10		
ss Rd		1	50.00	1.10	0.15	8.25		
shnavi Appertment Rd		1	270.00	1.10	0.15	44.55		
anthpura Village								
art Point Road 1		1	145.00	1.10	0.15	23.93		
an Veterinary Institute Rd		1	228.00	1.10	0.15	37.62		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
Culvert								
		29	7.00	1.50	0.15	45.68		
					Total Qty	549.76	5619.79	3,089,536.82
viding TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, king, placing in position, lapping and/or welding wherever required, tying with binding wire and horing to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage l not be measured and paid) cost of materials, labour, HOM complete as per specification.								
ued Rate 01/02/2021)	It. No.	28.8.2		Pg No	229			
in	T	1	962.33	0.06		57.74		
vert		1	95.41	0.08		7.63		
					Total Qty	65.37	80146.60	5,239,183.24
viding and laying plain/reinforced cement concrete for side drains Wall & bottom thickness 15cm using) nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse regates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and cm including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete luding cost of steel as per MORTH specification No. 1500,1700, 2200 including cost of materials, our, HOM complete as per specifications.								
WD S R 2018-19	It. No.	37.59.2		Pg No	271			
w CC Drain								
ft								
o Marvel								
Main Rd		2	190.00	0.90	0.15	51.30		
Cross Rd		2	272.00	0.90	0.15	73.44		
th Cross Rd		2	96.00	0.90	0.15	25.92		
Cross Rd		1	35.00	0.90	0.15	4.73		
Cross Rd		1	124.00	0.90	0.15	16.74		
Main 4th Cross Rd		1	39.00	0.90	0.15	5.27		
angoliya Layout								
t Cross Rd		1	150.00	0.90	0.15	20.25		
d Cross Rd		2	134.00	0.90	0.15	36.18		
amgondanahalli Village								
rasana Anjanya Temple Rd		1	290.00	0.90	0.15	39.15		
dian Veterinary Research Insitue Rd		2	170.00	0.90	0.15	45.90		
ross Rd		1	50.00	0.90	0.15	6.75		
aishnavi Appertment Rd		1	270.00	0.90	0.15	36.45		
nanthpura Village								
mart Point Road 1		1	145.00	0.90	0.15	19.58		
ndian Veterinary Institute Rd		1	228.00	0.90	0.15	30.78		
Vall								
Duo Marvel								
th Main Rd		4	190.00	0.15	0.60	68.40		
th Cross Rd		4	272.00	0.15	0.60	97.92		
13th Cross Rd		4	96.00	0.15	0.60	34.56		
4th Cross Rd		2	35.00	0.15	0.60	6.30		
3rd Cross Rd		2	124.00	0.15	0.60	22.32		
1st Main 4th Cross Rd		2	39.00	0.15	0.60	7.02		
Mangoliya Layout								
1st Cross Rd		2	150.00	0.15	0.60	27.00		
3rd Cross Rd		4	134.00	0.15	0.60	48.24		
Ramgondanahalli Village								
Prasana Anjanya Temple Rd		2	290.00	0.15	0.60	52.20		
Indian Veterinary Research Insitue Rd		4	170.00	0.15	0.60	61.20		
Cross Rd		2	50.00	0.15	0.60	9.00		
Vaishnavi Appertment Rd		2	270.00	0.15	0.60	48.60		
Ananthpura Village								

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
Point Road 1		2	145.00	0.15	0.60	26.10		
Veterinary Institute Rd		2	228.00	0.15	0.60	41.04		
Culvert								
		29 1	7.00	1.20	0.20	48.72		
wall		29 2	7.00	0.23	0.50	46.69		
					Total Qty	1057.74	7422.99	7,851,592.60

olying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize ed granite metal using reinforcement 10mm dia steel at 150mm C/c both ways cost, transportation, charges of machinery, machine cutting the vertical face to get plain even surface etc , complete with ads and lift conveyance charges, labour charges inclusive of cost of cost of all materials(data Rate osed)

oved Data Rate								
Drain								
Marvel								
Main Rd		2	190.00	0.90		342.00		
Cross Rd		2	272.00	0.90		489.60		
Cross Rd		2	96.00	0.90		172.80		
Cross Rd		1	35.00	0.90		31.50		
Cross Rd		1	124.00	0.90		111.60		
Main 4th Cross Rd		1	39.00	0.90		35.10		
ngoliya Layout								
Cross Rd	Sqm	1	150.00	0.90		135.00		
Cross Rd		2	134.00	0.90		241.20		
mgondanahalli Village								
sana Anjanya Temple Rd		1	290.00	0.90		261.00		
ian Veterinary Research Insitue Rd		2	170.00	0.90		306.00		
oss Rd		1	50.00	0.90		45.00		
shnavi Appertment Rd		1	270.00	0.90		243.00		
anthpura Village								
art Point Road 1		1	145.00	0.90		130.50		
dian Veterinary Institute Rd		1	228.00	0.90		205.20		
					Total Qty	2749.50	1922.00	5,284,539.00

roviding and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1 1 5 3 using raded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, uring and concrete finished surfaces on both sides etc, complete and as per drawing and the directions Engineer in-charge. (Data Rate)

Approved Data Rate								
Culvert cover slab	Sqm	29	7.00	1.20		243.60		
					Total Qty	243.60	4486.00	1,092,789.60

Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal Coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost ofall materials, labour, HOM curing complete as per specifications.

KPWD S R 2018-19	It. No	4.60			Pg No	13		
New Kerb								
Duo Marvel		2		190.00	0.20	0.10	7.60	
4th Main Rd		2		272.00	0.20	0.10	10.88	
5th Cross Rd		2		96.00	0.20	0.10	3.84	
13th Cross Rd		1		35.00	0.20	0.10	0.70	
4th Cross Rd		1		124.00	0.20	0.10	2.48	
3rd Cross Rd		1		39.00	0.20	0.10	0.78	
1st Main 4th Cross Rd								
Mangoliya Layout		1		150.00	0.20	0.10	3.00	
1st Cross Rd								

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
...ss Rd		2	134.00	0.20	0.10	5.36		
...bble stone								
...rvel layout								
		2	680.00	0.80	0.15	163.20		
					Total Qty	197.60	6029.56	1,191,440.19

...ng and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom ...14 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and ...g cutting including formwork, curing, including cost of materials, labour charges of machinery, ...g and unloading, lead and lift, transportation etc.,complete

...S R 2018-19	It. No	5.30			Pg No	27	
...larvel							
...ain Rd		2	190.00				844
...oss Rd		2	272.00				1209
...Cross Rd		2	96.00				427
...oss Rd		1	35.00				78
...ross Rd		1	124.00				276
...ain 4th Cross Rd		1	39.00				87
...goliya Layout							
...ross Rd		1	150.00				333
...Cross Rd		2	134.00				596
...gondanahalli Village							
...ana Anjanya Temple Rd		1	290.00				644
...n Veterinary Research Insitue Rd		2	170.00				756
...s Rd		1	50.00				111
...hnavi Appertment Rd		1	270.00				600
...nthpura Village							
...rt Point Road 1		1	145.00				322
...an Veterinary Institute Rd		1	228.00				507
...Marvel layout							
		2	680.00				3022
...ners		21	1.20				56
						Total Qty	9867 / 432.48 / 4,267,328.21

...inting two coats after filling the surface with synthetic enamel paint in approved shades on new ...stered concrete surfaces, with materials, labour complete as per specifications

...WD S R 2018-19	It. No	22.6.1			Pg No	176	
...io Marvel							
...n Main Rd		2	190.00	0.35			133.00
...h Cross Rd		2	272.00	0.35			190.40
...th Cross Rd		2	96.00	0.35			67.20
...h Cross Rd		1	35.00	0.35			12.25
...d Cross Rd		1	124.00	0.35			43.40
...st Main 4th Cross Rd		1	39.00	0.35			13.65
...angoliya Layout							
...st Cross Rd		1	150.00	0.35			52.50
...rd Cross Rd		2	134.00	0.35			93.80
...Ramgondanahalli Village							
...Prasana Anjanya Temple Rd		1	290.00	0.35			101.50
...ndian Veterinary Research Insitue Rd		2	170.00	0.35			119.00
...Cross Rd		1	50.00	0.35			17.50
...Vaishnavi Appertment Rd		1	270.00	0.35			94.50
...Ananthpura Village							
...Smart Point Road 1		1	145.00	0.35			50.75
...Indian Veterinary Institute Rd		1	228.00	0.35			79.80
...Duo Marvel layout							
		2	680.00	0.35			476.00
...corners		21	1.20	0.35			8.82

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount in Rs.
					Total Qty	1554.00	84.80	131,779.20
viding and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course d for manufacture of blocks of approved size, shape and colour with a minimum compressive strength 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator ing 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final npaction of paver surface joints into its final level, including cost of materials, labour and HOM complete per specifications.								
WD S R 2018-19	It. No	14.70		Pg No	103			
o Marvel layout								
		2	680.00	0.80		1088.00		
					Total Qty	1088.00	1116.18	1,214,403.84
arifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by chanical means attached with scarifier without disturbing the base and stacking the debris including st of all labour charges, HOM complete as per specifications.								
WD S R 2018-19	It. No	19.56		Pg No	146			
anthpura village								
Cross Rd		1	55.00	2.00		110.00		
oss Rd-1		1	19.00	2.00		38.00		
oss Rd-2		1	142.80	2.00		285.60		
oss Rd-3		1	13.60	2.00		27.20		
oss Rd-4		1	16.00	2.00		32.00		
d Cross Rd		1	52.00	2.00		104.00		
oss Rd-8								
oss Rd-9		1	58.00	2.00		116.00		
oss Rd-10		1	92.00	2.00		184.00		
isarga Layout								
0th C Main Rd	Sqm	1	39.30	2.00		78.60		
illage Road								
h:00-130 IVRI Road from Timmaraya swamy		1	130.00	7.00		910.00		
h:130-280 IVRI Road from Timmaraya swamy		1	150.00	7.00		1050.00		
h:280-520 IVRI Road from Timmaraya swamy		1	240.00	6.50		1560.00		
h:520-676 IVRI Road from Timmaraya swamy		1	156.00	6.50		1014.00		
h:676-920 IVRI Road from Timmaraya swamy		1	246.00	6.50		1599.00		
h:920-950 IVRI Road from Timmaraya swamy		1	30.00	6.20		186.00		
Ch:950-1220 IVRI Road from Timmaraya		1	270.00	7.00		1890.00		
Ch:1220-1415 IVRI Road from Timmaraya		1	195.00	6.50		1267.50		
					Total Qty	10452.00	41.34	432,085.68
Leading Charge for 8Km								
	Cum	1	10452.00		0.08	836.16		
					Total Qty	836.16	21.71	18,152.03
Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means. A. Lime Concrete, cement concrete grade M-10 and below.								
KPWD S R 2018-19	It. No	18.17		Pg No	139			
Ananthpura village								
W0109 Ch:00-60 2nd Main Mataji toor and		1	60.00	4.00	0.15	36.00		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
094 Ch:00-56 2nd A main	cum	1	56.00	3.50	0.15	29.40		
094 Ch:00-70 GRS provision store opp road		1	70.00	3.20	0.15	33.60		
099 Ch:00-50 GRS provision store road		1	50.00	3.80	0.15	28.50		
101 Ch:00-60 3rd A main road		1	60.00	4.00	0.15	36.00		
093 Ch:00-60 Vinayaka clinic road		1	60.00	3.00	0.15	27.00		
085 Ch:00-60 3rd A main road		1	60.00	3.70	0.15	33.30		
084 Ch:00-30 3rd c/s in Peepal tree road		1	30.00	3.80	0.15	17.10		
					Total Qty	240.90	481.24	115,930.72

SRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and ding to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and ss sections, and transportation with a lead of 1.00 km and complete as per specifications.

WD S.R 2018-19	It. No	19 14			Pg No	143			
Road									
akruthi Layout									
t Cross Rd		1		55.00	7.60	0.30	125.40		
ross Rd-1		1		19.00	6.20	0.30	35.34		
ross Rd-2		1		142.80	5.90	0.30	252.76		
ross Rd-3		1		13.60	4.80	0.30	19.58		
ross Rd-4		1		16.00	6.60	0.30	31.68		
nd Cross Rd		1		52.00	6.70	0.30	104.52		
Cross Rd-8		1		89.00	5.30	0.30	141.51		
Cross Rd-9		1		58.00	6.40	0.30	111.36		
Cross Rd-10		1		92.00	5.40	0.30	149.04		
Cross Rd-11		1		89.00	5.50	0.30	146.85		
Cross Rd-12		1		180.30	5.70	0.30	308.31		
Cross Rd-14		1		36.30	5.10	0.30	55.54		
Andra Layout									
3rd A Cross Rd		1		83.00	4.90	0.30	122.87		
4th A Cross Rd		1		86.30	4.00	0.30	103.56		
2nd Cross Rd		1		169.20	5.40	0.30	274.10		
2nd A Cross Rd		1		33.90	4.20	0.30	42.71		
1st Cross Rd		1		130.40	6.40	0.30	250.37		
Nisarga Layout									
W0041 Ch:00-220 10th R.O Plant road		1		200.00	6.00	0.30	360.00		
W0048 Ch:00-100 1st c/s road		1		100.00	5.00	0.30	150.00		
W0044 Ch:00-150 2nd c/s road		1		150.00	5.50	0.30	247.50		
W0038 Ch:00-175 3rd c/s		1		175.00	6.00	0.30	315.00		
W0035 Ch:00-30 1st c/s in 3rd c/s road		1		30.00	4.50	0.30	40.50		
W0031 Ch:00-30 2nd c/s in 3rd c/s road		1		30.00	6.00	0.30	54.00		
W0027 Ch:00-30 3rd c/s in 3rd c/s road		1		30.00	6.00	0.30	54.00		
W0021 Ch:00-30 4th c/s in 3rd c/s road		1		30.00	6.00	0.30	54.00		
W0017 Ch:00-30 5th c/s in 3rd c/s road		1		30.00	6.00	0.30	54.00		
W0040 Ch:00-60 3rd A c/s		1		60.00	6.00	0.30	108.00		
W0057 Ch:00-120 4th c/s road		1		120.00	6.00	0.30	216.00		
W0043 Ch:00-180 10th A main Santo kewl		1		180.00	5.50	0.30	297.00		
W0051 Ch:00-35 1st c/s road		1		35.00	5.00	0.30	52.50		
W0056 Ch:00-50 2nd c/s road		1		50.00	5.00	0.30	75.00		
W0051 Ch:00-210 2nd A c/s road		1		210.00	6.00	0.30	378.00		
W0060 Ch:00-30 3rd c/s road		1		30.00	5.00	0.30	45.00		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
...00-55 4th c/s road	Cum	1	55.00	4.50	0.30	74.25		
...00-45 5th c/s road		1	45.00	6.50	0.30	87.75		
...00-60 6th c/s road		1	60.00	6.50	0.30	117.00		
...0039 Ch:00-35 10th A c/s road		1	35.00	6.50	0.30	68.25		
...0037 Ch:00-35 10th B c/s road		1	35.00	6.50	0.30	68.25		
...0033 Ch:00-35 10th C c/s road		1	35.00	6.50	0.30	68.25		
...0029 Ch:00-35 10th D c/s road		1	35.00	6.50	0.30	68.25		
...0023 Ch:00-230 10th E c/s road		1	230.00	6.50	0.30	448.50		
...0025 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50	0.30	58.50		
...0th F Main Rd		1	251.40	6.50	0.30	490.23		
...0th D Main Rd		1	39.00	6.50	0.30	76.05		
...0th C Main Rd		1	39.30	6.50	0.30	76.64		
...0th B Main Rd		1	37.00	5.70	0.30	63.27		
...0th A Main Rd		1	36.30	5.70	0.30	62.07		
...0th Main Rd		1	66.30	6.80	0.30	135.25		
...th Main Rd		1	101.00	4.60	0.30	139.38		
...th Main Rd		1	168.00	5.10	0.30	257.04		
Cross roads		1	120.00	6.50	0.30	234.00		
		1	105.00	6.80	0.30	214.20		
		1	140.00	6.00	0.30	252.00		
		1	127.50	6.20	0.30	237.15		
Village Road								
IVRI Road from Timmaraya swamy temple		1	1417.00	9.00	0.30	3825.90		
New CC Road								
Ananthpura village								
W0109 Ch:00-60 2nd Main Mataji toor and ...		1	60.00	4.00	0.30	72.00		
W0094 Ch:00-56 2nd A main		1	56.00	3.50	0.30	58.80		
W0094 Ch:00-70 GRS provision store opp road		1	70.00	3.20	0.30	67.20		
W0099 Ch:00-50 GRS provision store road		1	50.00	3.80	0.30	57.00		
W0101 Ch:00-60 3rd A main road		1	60.00	4.00	0.30	72.00		
W0093 Ch:00-60 Vinayaka clinic road		1	60.00	3.00	0.30	54.00		
W0085 Ch:00-60 3rd A main road		1	60.00	3.70	0.30	66.60		
W0100 Ch:00-25 1st c/s in Peepal tree road		1	25.00	2.50	0.30	18.75		
W0084 Ch:00-45 2nd c/s in Peepal tree road		1	45.00	5.50	0.30	74.25		
W0084 Ch:00-30 3rd c/s in Peepal tree road		1	30.00	3.80	0.30	34.20		
W0046 Ch:00-30 c/s-2		1	30.00	5.80	0.30	52.20		
W0084 Ch:00-30 c/s-3		1	30.00	5.50	0.30	49.50		
Nisarga Layout								
W0053 Ch:00-45 2nd A c/s road		1	45.00	4.00	0.30	54.00		
						Total Qty	12626.70	63.94	807,479.08

4 Construction of embankment with approved material Cum Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel I murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density.

	It. No.	19.60			Pg No.	147			
KPWD S.R 2018-19									
Ananthpura village									
W0079 Ch:00-250 Laxmi narayana milk agency		1		100.00	4.00	0.30	120.00		
W0039 Ch:00-35 10th A c/s road		1		35.00	5.00	0.30	52.50		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount In Rs.
3 Ch:00-30 Smart point opp road	Cum	1	30.00	6.00	0.30	54.00		
e Road								
-130 IVRI Road from Timmaraya swamy		1	130.00	7.00	0.30	273.00		
0-280 IVRI Road from Timmaraya swamy		1	150.00	8.60	0.30	387.00		
					Total Qty	886.50	364.98	323,584.77

paction of original ground by mechanical means including filling in depression occuring during rolling ding cost of all labour, HOM complete as per specifications MORTH I Chapter 3

load								
ruthi Layout								
Cross Rd		1	55.00	7.60		418.00		
s Rd-1		1	19.00	6.20		117.80		
s Rd-2		1	142.80	5.90		842.52		
s Rd-3		1	13.60	4.80		65.28		
ss Rd-4		1	16.00	6.60		105.60		
Cross Rd		1	52.00	6.70		348.40		
ss Rd-8		1	89.00	5.30		471.70		
ss Rd-9		1	58.00	6.40		371.20		
ss Rd-10		1	92.00	5.40		496.80		
ss Rd-11		1	89.00	5.50		489.50		
ss Rd-12		1	180.30	5.70		1027.71		
ss Rd-14		1	36.30	5.10		185.13		
dra Layout								
d A Cross Rd		1	83.00	4.90		406.70		
h A Cross Rd		1	86.30	4.00		345.20		
d Cross Rd		1	169.20	5.40		913.68		
d A Cross Rd		1	33.90	4.20		142.38		
t Cross Rd		1	130.40	6.40		834.56		
isarga Layout								
V0041 Ch:00-220 10th R.O Plant road		1	200.00	6.00		1200.00		
V0048 Ch:00-100 1st c/s road		1	100.00	5.00		500.00		
V0044 Ch:00-150 2nd c/s road		1	150.00	5.50		825.00		
V0038 Ch:00-175 3rd c/s		1	175.00	6.00		1050.00		
W0035 Ch:00-30 1st c/s in 3rd c/s road		1	30.00	4.50		135.00		
W0031 Ch:00-30 2nd c/s in 3rd c/s road		1	30.00	6.00		180.00		
W0027 Ch:00-30 3rd c/s in 3rd c/s road		1	30.00	6.00		180.00		
W0021 Ch:00-30 4th c/s in 3rd c/s road		1	30.00	6.00		180.00		
W0017 Ch:00-30 5th c/s in 3rd c/s road		1	30.00	6.00		180.00		
W0040 Ch:00-60 3rd A c/s		1	60.00	6.00		360.00		
W0057 Ch:00-120 4th c/s road		1	120.00	6.00		720.00		
W0043 Ch:00-180 10th A main Santo kewl		1	180.00	5.50		990.00		
W0051 Ch:00-35 1st c/s road		1	35.00	5.00		175.00		
W0056 Ch:00-50 2nd c/s road		1	50.00	5.00		250.00		
W0051 Ch:00-210 2nd A c/s road		1	210.00	6.00		1260.00		
W0060 Ch:00-30 3rd c/s road		1	30.00	5.00		150.00		
Ch:00-55 4th c/s road		1	55.00	4.50		247.50		
Ch:00-45 5th c/s road		1	45.00	6.50		292.50		
Ch:00-60 6th c/s road		1	60.00	6.50		390.00		

Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
...039 Ch:00-35 10th A c/s road		1	35.00	6.50		227.50		
...037 Ch:00-35 10th B c/s road		1	35.00	6.50		227.50		
...033 Ch:00-35 10th C c/s road		1	35.00	6.50		227.50		
...029 Ch:00-35 10th D c/s road		1	35.00	6.50		227.50		
...0023 Ch:00-230 10th E c/s road		1	230.00	6.50		1495.00		
...0025 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50		195.00		
...th F Main Rd		1	251.40	6.50		1634.10		
...th D Main Rd		1	39.00	6.50		253.50		
...th C Main Rd		1	39.30	6.50		255.45		
...th B Main Rd		1	37.00	5.70		210.90		
...th A Main Rd		1	36.30	5.70		206.91		
...th Main Rd		1	66.30	6.80		450.84		
...h Main Rd		1	101.00	4.60		464.60		
...h Main Rd		1	168.00	5.10		856.80		
...illage Road								
...RI Road from Timmaraya swamy temple		1	1417.00	9.00		12753.00		
...ew CC Road								
...nanthpura village								
...W0109 Ch:00-60 2nd Main Mataji toor and ...		1	60.00	4.00		240.00		
...W0094 Ch:00-56 2nd A main		1	56.00	3.50		196.00		
...W0094 Ch:00-70 GRS provision store opp road		1	70.00	3.20		224.00		
...W0099 Ch:00-50 GRS provision store road		1	50.00	3.80		190.00		
...W0101 Ch:00-60 3rd A main road		1	60.00	4.00		240.00		
...W0093 Ch:00-60 Vinayaka clinic road		1	60.00	3.00		150.00		
...W0085 Ch:00-60 3rd A main road		1	60.00	3.70		222.00		
...W0100 Ch:00-25 1st c/s in Peepal tree road		1	25.00	2.50		62.50		
...W0084 Ch:00-45 2nd c/s in Peepal tree road		1	45.00	5.50		247.50		
...W0046 Ch:00-30 c/s-2		1	30.00	5.80		174.00		
...W0084 Ch:00-30 c/s-3		1	30.00	5.50		165.00		
Nisarga Layout								
W0053 Ch:00-45 2nd A c/s road		1	45.00	4.00		180.00		
					Total Qty	38822.00	6.36	246,907.92

Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5

KPWD S R 2018-19	It. No.	22 1 2		Pg.No.	174			
New CC Road								
Ananthpura village								
W0109 Ch:00-60 2nd Main Mataji toor and travels		1	60.00	4.00	0.15	36.00		
W0094 Ch:00-56 2nd A main		1	56.00	3.50	0.15	29.40		
W0094 Ch:00-70 GRS provision store opp road		1	70.00	3.20	0.15	33.60		
W0099 Ch:00-50 GRS provision store road		1	50.00	3.80	0.15	28.50		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
101 Ch:00-60 3rd A main road	cum	1	60.00	4.00	0.15	36.00		
093 Ch:00-60 Vinayaka clinic road		1	60.00	3.00	0.15	27.00		
085 Ch:00-60 3rd A main road		1	60.00	3.70	0.15	33.30		
100 Ch:00-25 1st c/s in Peepal tree road		1	25.00	2.50	0.15	9.38		
084 Ch:00-45 2nd c/s in Peepal tree road		1	45.00	5.50	0.15	37.13		
084 Ch:00-30 3rd c/s in Peepal tree road		1	30.00	3.80	0.15	17.10		
046 Ch:00-30 c/s-2		1	30.00	5.80	0.15	26.10		
084 Ch:00-30 c/s-3		1	30.00	5.50	0.15	24.75		
sarga Layout								
053 Ch:00-45 2nd A c/s road		1	45.00	4.00	0.15	27.00		
					Total Qty	365.26	4061.29	1,483,428.47

onstructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a epared base with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. OPC oarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to 383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less an 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed ide form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates ncluding levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted sing needle, screed and plate vibrator and finished with floaters in a continuous operation including rovision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, oint filler, soparation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, dmixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, nd curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc , omplete as per specifications.

KPWD S.R 2018-19	It. No	22.6.1			Pg.No	176			
New CC Road	Cum								
Ananthpura village									
W0109 Ch:00-60 2nd Main Mataji loor and		1		60.00	4.00	0.15	36.00		
W0094 Ch:00-56 2nd A main		1		56.00	3.50	0.15	29.40		
W0094 Ch:00-70 GRS provision store opp road		1		70.00	3.20	0.15	33.60		
W0099 Ch:00-50 GRS provision store road		1		50.00	3.80	0.15	28.50		
W0101 Ch:00-60 3rd A main road		1		60.00	4.00	0.15	36.00		
W0093 Ch:00-60 Vinayaka clinic road		1		60.00	3.00	0.15	27.00		
W0085 Ch:00-60 3rd A main road		1		60.00	3.70	0.15	33.30		
W0100 Ch:00-25 1st c/s in Peepal tree road		1		25.00	2.50	0.15	9.38		
W0084 Ch:00-45 2nd c/s in Peepal tree road		1		45.00	5.50	0.15	37.13		
W0084 Ch:00-30 3rd c/s in Peepal tree road		1		30.00	3.80	0.15	17.10		
W0046 Ch:00-30 c/s-2		1		30.00	5.80	0.15	26.10		
W0084 Ch:00-30 c/s-3		1		30.00	5.50	0.15	24.75		
Nisarga Layout									
W0053 Ch:00-45 2nd A c/s road		1		45.00	4.00	0.15	27.00		
						Total Qty	365.26	5634.30	2,057,985.44

18 Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications

KPWD S R 2018-19	It. No	20.5			Pg.No	153			
GSB									
BC Road									

Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
kruthi Layout								
Cross Rd		1	55.00	7.60	0.15	62.70		
ss Rd-1		1	19.00	6.20	0.15	17.67		
ss Rd-2		1	142.80	5.90	0.15	126.38		
ss Rd-3		1	13.60	4.80	0.15	9.79		
ss Rd-4		1	16.00	6.60	0.15	15.84		
d Cross Rd		1	52.00	6.70	0.15	52.26		
oss Rd-8		1	89.00	5.30	0.15	70.76		
oss Rd-9		1	58.00	6.40	0.15	55.68		
oss Rd-10		1	92.00	5.40	0.15	74.52		
oss Rd-11		1	89.00	5.50	0.15	73.43		
oss Rd-12		1	180.30	5.70	0.15	154.16		
oss Rd-14		1	36.30	5.10	0.15	27.77		
ndra Layout								
d A Cross Rd		1	83.00	4.90	0.15	61.01		
h A Cross Rd		1	86.30	4.00	0.15	51.78		
nd Cross Rd		1	169.20	5.40	0.15	137.05		
nd A Cross Rd		1	33.90	4.20	0.15	21.36		
st Cross Rd		1	130.40	6.40	0.15	125.18		
lisarga Layout								
W0041 Ch:00-220 10th R.O Plant road		1	200.00	6.00	0.15	180.00		
W0048 Ch:00-100 1st c/s road		1	100.00	5.00	0.15	75.00		
W0044 Ch:00-150 2nd c/s road		1	150.00	5.50	0.15	123.75		
W0038 Ch:00-175 3rd c/s		1	175.00	6.00	0.15	157.50		
W0035 Ch:00-30 1st c/s in 3rd c/s road		1	30.00	4.50	0.15	20.25		
W0031 Ch:00-30 2nd c/s in 3rd c/s road		1	30.00	6.00	0.15	27.00		
W0027 Ch:00-30 3rd c/s in 3rd c/s road		1	30.00	6.00	0.15	27.00		
W0021 Ch:00-30 4th c/s in 3rd c/s road	cum	1	30.00	6.00	0.15	27.00		
W0017 Ch:00-30 5th c/s in 3rd c/s road		1	30.00	6.00	0.15	27.00		
W0040 Ch:00-60 3rd A c/s		1	60.00	6.00	0.15	54.00		
W0057 Ch:00-120 4th c/s road		1	120.00	6.00	0.15	108.00		
W0043 Ch:00-180 10th A main Santo kewl		1	180.00	5.50	0.15	148.50		
W0051 Ch:00-35 1st c/s road		1	35.00	5.00	0.15	26.25		
W0056 Ch:00-50 2nd c/s road		1	50.00	5.00	0.15	37.50		
W0051 Ch:00-210 2nd A c/s road		1	210.00	6.00	0.15	189.00		
W0060 Ch:00-30 3rd c/s road		1	30.00	5.00	0.15	22.50		
Ch:00-55 4th c/s road		1	55.00	4.50	0.15	37.13		
Ch:00-45 5th c/s road		1	45.00	6.50	0.15	43.88		
Ch:00-60 6th c/s road		1	60.00	6.50	0.15	58.50		
W0039 Ch:00-35 10th A c/s road		1	35.00	6.50	0.15	34.13		
W0037 Ch:00-35 10th B c/s road		1	35.00	6.50	0.15	34.13		
W0033 Ch:00-35 10th C c/s road		1	35.00	6.50	0.15	34.13		
W0029 Ch:00-35 10th D c/s road		1	35.00	6.50	0.15	34.13		
W0023 Ch:00-230 10th E c/s road		1	230.00	6.50	0.15	224.25		
W0025 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50	0.15	29.25		
10th F Main Rd		1	251.40	6.50	0.15	245.12		
10th D Main Rd		1	39.00	6.50	0.1	25.35		
10th C Main Rd		1	39.30	6.50	0.15	38.32		
10th B Main Rd		1	37.00	5.70	0.1	21.09		
10th A Main Rd		1	36.30	5.70	0.15	31.04		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
Main Rd		1	66.30	6.80	0.15	67.63		
Main Rd		1	101.00	4.60	0.15	69.69		
Main Rd		1	168.00	5.10	0.15	128.52		
ge Road								
Road from Timmaraya swamy temple		1	1417.00	9.00	0.15	1912.95		
						Total Qty	5458.07	1994.92	10,888,413.00
viding, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix								
WD S.R 2018-19	It. No.		20.18		Pg.No.	155		
MM								
Road								
akruthi Layout								
Cross Rd		1	55.00	7.60	0.2	83.60		
oss Rd-1		1	19.00	6.20	0.2	23.56		
oss Rd-2		1	142.80	5.90	0.2	168.50		
oss Rd-3		1	13.60	4.80	0.2	13.06		
oss Rd-4		1	16.00	6.60	0.2	21.12		
nd Cross Rd		1	52.00	6.70	0.2	69.68		
Cross Rd-8		1	89.00	5.30	0.2	94.34		
Cross Rd-9		1	58.00	6.40	0.2	74.24		
Cross Rd-10		1	92.00	5.40	0.2	99.36		
Cross Rd-11		1	89.00	5.50	0.2	97.90		
Cross Rd-12		1	180.30	5.70	0.2	205.54		
Cross Rd-14		1	36.30	5.10	0.2	37.03		
Andra Layout								
3rd A Cross Rd		1	83.00	4.90	0.2	81.34		
4th A Cross Rd		1	86.30	4.00	0.2	69.04		
2nd Cross Rd		1	169.20	5.40	0.2	182.74		
2nd A Cross Rd		1	33.90	4.20	0.2	28.48		
1st Cross Rd		1	130.40	6.40	0.2	166.91		
Nisarga Layout								
W0041 Ch:00-220 10th R.O Plant road		1	200.00	6.00	0.2	240.00		
W0048 Ch:00-100 1st c/s road		1	100.00	5.00	0.2	100.00		
W0044 Ch:00-150 2nd c/s road		1	150.00	5.50	0.2	165.00		
W0038 Ch:00-175 3rd c/s		1	175.00	6.00	0.2	210.00		
W0035 Ch:00-30 1st c/s in 3rd c/s road		1	30.00	4.50	0.2	27.00		
W0031 Ch:00-30 2nd c/s in 3rd c/s road		1	30.00	6.00	0.2	36.00		
W0027 Ch:00-30 3rd c/s in 3rd c/s road		1	30.00	6.00	0.2	36.00		
W0021 Ch:00-30 4th c/s in 3rd c/s road	Cum	1	30.00	6.00	0.2	36.00		
W0017 Ch:00-30 5th c/s in 3rd c/s road		1	30.00	6.00	0.2	36.00		
W0040 Ch:00-60 3rd A c/s		1	60.00	6.00	0.2	72.00		
W0057 Ch:00-120 4th c/s road		1	120.00	6.00	0.2	144.00		
W0043 Ch:00-180 10th A main Santo kewl		1	180.00	5.50	0.2	198.00		
W0051 Ch:00-35 1st c/s road		1	35.00	5.00	0.2	35.00		
W0056 Ch:00-50 2nd c/s road		1	50.00	5.00	0.2	50.00		
W0051 Ch:00-210 2nd A c/s road		1	210.00	6.00	0.2	252.00		
W0060 Ch:00-30 3rd c/s road		1	30.00	5.00	0.2	30.00		
Ch:00-55 4th c/s road		1	55.00	4.50	0.2	49.50		
Ch:00-45 5th c/s road		1	45.00	6.50	0.2	58.50		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate In Rs.	Amount In Rs.
00-60 6th c/s road		1	60.00	6.50	0.2	78.00		
039 Ch:00-35 10th A c/s road		1	35.00	6.50	0.2	45.50		
037 Ch:00-35 10th B c/s road		1	35.00	6.50	0.2	45.50		
033 Ch:00-35 10th C c/s road		1	35.00	6.50	0.2	45.50		
029 Ch:00-35 10th D c/s road		1	35.00	6.50	0.2	45.50		
023 Ch:00-230 10th E c/s road		1	230.00	6.50	0.2	299.00		
025 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50	0.2	39.00		
h F Main Rd		1	251.40	6.50	0.2	326.82		
h D Main Rd		1	39.00	6.50	0.2	50.70		
h C Main Rd		1	39.30	6.50	0.2	51.09		
h B Main Rd		1	37.00	5.65	0.2	41.81		
h A Main Rd		1	36.30	5.00	0.2	36.30		
h Main Rd		1	66.30	6.80	0.2	90.17		
Main Rd		1	101.00	4.60	0.2	92.92		
Main Rd		1	168.00	5.10	0.2	171.36		
lage Road								
Rl Road from Timmaraya swamy temple		1	1417.00	7.90	0.2	2238.86		
						Total Qty	6989.40	2001.28	13,987,746.43

oviding and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using echanical means complete as per specifications.

PWD S.R 2018-19	Il. No	21.60		Pg No	158		
C Road							
rakruthi Layout							
st Cross Rd	1	55.00	7.60		418.00		
Cross Rd-1	1	19.00	6.20		117.80		
Cross Rd-2	1	142.80	5.90		842.52		
Cross Rd-3	1	13.60	4.80		65.28		
Cross Rd-4	1	16.00	6.60		105.60		
2nd Cross Rd	1	52.00	6.70		348.40		
Cross Rd-8	1	89.00	5.30		471.70		
Cross Rd-9	1	58.00	6.40		371.20		
Cross Rd-10	1	92.00	5.40		496.80		
Cross Rd-11	1	89.00	5.50		489.50		
Cross Rd-12	1	180.30	5.70		1027.71		
Cross Rd-14	1	36.30	5.10		185.13		
Andra Layout							
3rd A Cross Rd	1	83.00	4.90		406.70		
4th A Cross Rd	1	86.30	4.00		345.20		
2nd Cross Rd	1	169.20	5.40		913.68		
2nd A Cross Rd	1	33.90	4.20		142.38		
1st Cross Rd	1	130.40	6.40		834.56		
Nisarga Layout							
W0041 Ch:00-220 10th R.O Plant road	1	200.00	6.00		1200.00		
W0048 Ch:00-100 1st c/s road	1	100.00	5.00		500.00		
W0044 Ch:00-150 2nd c/s road	1	150.00	5.50		825.00		
W0038 Ch:00-175 3rd c/s	1	175.00	6.00		1050.00		
W0035 Ch:00-30 1st c/s in 3rd c/s road	1	30.00	4.50		135.00		

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
31 Ch:00-30 2nd c/s in 3rd c/s road	Sqm	1	30.00	6.00		180.00		
27 Ch:00-30 3rd c/s in 3rd c/s road		1	30.00	6.00		180.00		
21 Ch:00-30 4th c/s in 3rd c/s road		1	30.00	6.00		180.00		
17 Ch:00-30 5th c/s in 3rd c/s road		1	30.00	6.00		180.00		
40 Ch:00-60 3rd A c/s		1	60.00	6.00		360.00		
57 Ch:00-120 4th c/s road		1	120.00	6.00		720.00		
43 Ch:00-180 10th A main Santo kewl		1	180.00	5.50		990.00		
51 Ch:00-35 1st c/s road		1	35.00	5.00		175.00		
56 Ch:00-50 2nd c/s road		1	50.00	5.00		250.00		
51 Ch:00-210 2nd A c/s road		1	210.00	6.00		1260.00		
60 Ch:00-30 3rd c/s road		1	30.00	5.00		150.00		
0-55 4th c/s road		1	55.00	4.50		247.50		
0-45 5th c/s road		1	45.00	6.50		292.50		
0-60 6th c/s road		1	60.00	6.50		390.00		
039 Ch:00-35 10th A c/s road		1	35.00	6.50		227.50		
037 Ch:00-35 10th B c/s road		1	35.00	6.50		227.50		
033 Ch:00-35 10th C c/s road		1	35.00	6.50		227.50		
029 Ch:00-35 10th D c/s road		1	35.00	6.50		227.50		
023 Ch:00-230 10th E c/s road		1	230.00	6.50		1495.00		
025 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50		195.00		
h F Main Rd		1	251.40	6.50		1634.10		
h D Main Rd		1	39.00	6.50		253.50		
h C Main Rd		1	39.30	6.50		255.45		
h B Main Rd		1	37.00	5.65		209.05		
h A Main Rd		1	36.30	5.00		181.50		
h Main Rd		1	66.30	6.80		450.84		
h Main Rd		1	101.00	4.60		464.60		
h Main Rd		1	168.00	5.10		856.80		
illage Road								
/RI Road from Timmaraya swamy temple		1	1417.00	7.90		11194.30		
					Total Qty	34947.00	33.92	1,185,402.24

Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.
do - using 40/60 TPH capacity H M P with Clause 505 of MORTH V revision
Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen

KPWD S.R 2018-19	Il. No.	21.17.6			Pg No.	159			
BC Road									
Prakruthi Layout									
1st Cross Rd		1		55.00	7.60	0.05	20.90		
Cross Rd-1		1		19.00	6.20	0.05	5.89		
Cross Rd-2		1		142.80	5.90	0.05	42.13		
Cross Rd-3		1		13.60	4.80	0.05	3.26		
Cross Rd-4		1		16.00	6.60	0.05	5.28		
2nd Cross Rd		1		52.00	6.70	0.05	17.42		
Cross Rd-8		1		89.00	5.30	0.05	23.59		
Cross Rd-9		1		58.00	6.40	0.05	18.56		

Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate In Rs.	Amount In Rs.
Rd-10		1	92.00	5.40	0.05	24.84		
Rd-11		1	89.00	5.50	0.05	24.48		
Rd-12		1	180.30	5.70	0.05	51.39		
Rd-14		1	36.30	5.10	0.05	9.26		
Layout								
Cross Rd		1	83.00	4.90	0.05	20.34		
Cross Rd		1	86.30	4.00	0.05	17.26		
Cross Rd		1	169.20	5.40	0.05	45.68		
Cross Rd		1	33.90	4.20	0.05	7.12		
Cross Rd		1	130.40	6.40	0.05	41.73		
rga Layout								
41 Ch:00-220 10th R.O Plant road		1	200.00	6.00	0.05	60.00		
48 Ch:00-100 1st c/s road		1	100.00	5.00	0.05	25.00		
44 Ch:00-150 2nd c/s road		1	150.00	5.50	0.05	41.25		
38 Ch:00-175 3rd c/s		1	175.00	6.00	0.05	52.50		
35 Ch:00-30 1st c/s in 3rd c/s road		1	30.00	4.50	0.05	6.75		
31 Ch:00-30 2nd c/s in 3rd c/s road		1	30.00	6.00	0.05	9.00		
27 Ch:00-30 3rd c/s in 3rd c/s road		1	30.00	6.00	0.05	9.00		
021 Ch:00-30 4th c/s in 3rd c/s road	Cum	1	30.00	6.00	0.05	9.00		
017 Ch:00-30 5th c/s in 3rd c/s road		1	30.00	6.00	0.05	9.00		
040 Ch:00-60 3rd A c/s		1	60.00	6.00	0.05	18.00		
057 Ch:00-120 4th c/s road		1	120.00	6.00	0.05	36.00		
0043 Ch:00-180 10th A main Santo kewl		1	180.00	5.50	0.05	49.50		
0051 Ch:00-35 1st c/s road		1	35.00	5.00	0.05	8.75		
0056 Ch:00-50 2nd c/s road		1	50.00	5.00	0.05	12.50		
0051 Ch:00-210 2nd A c/s road		1	210.00	6.00	0.05	63.00		
0060 Ch:00-30 3rd c/s road		1	30.00	5.00	0.05	7.50		
h:00-55 4th c/s road		1	55.00	4.50	0.05	12.38		
h:00-45 5th c/s road		1	45.00	6.50	0.05	14.63		
h:00-60 6th c/s road		1	60.00	6.50	0.05	19.50		
0039 Ch:00-35 10th A c/s road		1	35.00	6.50	0.05	11.38		
0037 Ch:00-35 10th B c/s road		1	35.00	6.50	0.05	11.38		
0033 Ch:00-35 10th C c/s road		1	35.00	6.50	0.05	11.38		
0029 Ch:00-35 10th D c/s road		1	35.00	6.50	0.05	11.38		
0023 Ch:00-230 10th E c/s road		1	230.00	6.50	0.05	74.75		
0025 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50	0.05	9.75		
10th F Main Rd		1	251.40	6.50	0.05	81.71		
10th D Main Rd		1	39.00	6.50	0.05	12.68		
10th C Main Rd		1	39.30	6.50	0.05	12.77		
10th B Main Rd		1	37.00	5.65	0.05	10.45		
10th A Main Rd		1	36.30	5.00	0.05	9.08		
10th Main Rd		1	66.30	6.80	0.05	22.54		
9th Main Rd		1	101.00	4.60	0.05	23.23		
8th Main Rd		1	168.00	5.10	0.05	42.84		
Village Road								
IVRI Road from Timmaraya swamy temple		1	1417.00	7.90	0.05	559.72		
						Total Qty	1747.37	7292.80	12,743,219.94

Description of Work	Unit	No	Dimension			Quantity	Rate	Amount
			L	B	D		In Rs.	In Rs.
ling and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped pes at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road ce) including cost of all materials, labour, HOM complete as per specifications.								
D S.R 2018-19	It. No.	21.7			Pg No.	158		
oad								
ruthi Layout								
ross Rd		1	55.00	7.60		418.00		
s Rd-1		1	19.00	6.20		117.80		
s Rd-2		1	142.80	5.90		842.52		
s Rd-3		1	13.60	4.80		65.28		
s Rd-4		1	16.00	6.60		105.60		
Cross Rd		1	52.00	6.70		348.40		
s Rd-8		1	89.00	5.30		471.70		
s Rd-9		1	58.00	6.40		371.20		
s Rd-10		1	92.00	5.40		496.80		
s Rd-11		1	89.00	5.50		489.50		
s Rd-12		1	180.30	5.70		1027.71		
s Rd-14		1	36.30	5.10		185.13		
ra Layout								
A Cross Rd		1	83.00	4.90		406.70		
A Cross Rd		1	86.30	4.00		345.20		
Cross Rd		1	169.20	5.40		913.68		
A Cross Rd		1	33.90	4.20		142.38		
Cross Rd		1	130.40	6.40		834.56		
sarga Layout								
0041 Ch:00-220 10th R O Plant road		1	200.00	6.00		1200.00		
0048 Ch:00-100 1st c/s road		1	100.00	5.00		500.00		
0044 Ch:00-150 2nd c/s road		1	150.00	5.50		825.00		
0038 Ch:00-175 3rd c/s		1	175.00	6.00		1050.00		
0035 Ch:00-30 1st c/s in 3rd c/s road		1	30.00	4.50		135.00		
0031 Ch:00-30 2nd c/s in 3rd c/s road		1	30.00	6.00		180.00		
0027 Ch:00-30 3rd c/s in 3rd c/s road		1	30.00	6.00		180.00		
0021 Ch:00-30 4th c/s in 3rd c/s road		1	30.00	6.00		180.00		
0017 Ch:00-30 5th c/s in 3rd c/s road		1	30.00	6.00		180.00		
0040 Ch:00-60 3rd A c/s		1	60.00	6.00		360.00		
0057 Ch:00-120 4th c/s road		1	120.00	6.00		720.00		
0043 Ch:00-180 10th A main Santo kewl		1	180.00	5.50		990.00		
0051 Ch:00-35 1st c/s road		1	35.00	5.00		175.00		
0056 Ch:00-50 2nd c/s road		1	50.00	5.00		250.00		
0051 Ch:00-210 2nd A c/s road		1	210.00	6.00		1260.00		
0060 Ch:00-30 3rd c/s road		1	30.00	5.00		150.00		
Ch:00-55 4th c/s road		1	55.00	4.50		247.50		
Ch:00-45 5th c/s road		1	45.00	6.50		292.50		
Ch:00-60 6th c/s road		1	60.00	6.50		390.00		
0039 Ch:00-35 10th A c/s road		1	35.00	6.50		227.50		
0037 Ch:00-35 10th B c/s road		1	35.00	6.50		227.50		
0033 Ch:00-35 10th C c/s road		1	35.00	6.50		227.50		
0029 Ch:00-35 10th D c/s road		1	35.00	6.50		227.50		
0023 Ch:00-230 10th E c/s road		1	230.00	6.50		1495.00		
0025 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50		195.00		
10th F Main Rd		1	251.40	6.50		1634.10		
10th D Main Rd		1	39.00	6.50		253.50		
10th C Main Rd		1	39.30	6.50		255.45		
10th B Main Rd		1	37.00	5.65		209.05		
10th A Main Rd		1	36.30	5.00		181.50		
10th Main Rd		1	66.30	6.80		450.84		
9th Main Rd		1	101.00	4.60		464.60		
8th Main Rd		1	168.00	5.10		856.80		
Village Road								
IVRI Road from Timmaraya swamy temple		1	1417.00	7.90		11194.30		

Description of Work	Unit	No	Dimension			Quantity	Rate	Amount
			L	B	D		In Rs.	In Rs.
					Total Qty	34947.30	12.72	444,529.66

ing and laying bituminous concrete using crushed aggregates of specified grading, premixed with nous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the ed grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve sired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen

D.S.R 2018-19	It. No.	21.22.6			Pg No.	162		
oad								
uthi Layout								
ross Rd		1		55.00	7.60	0.04	16.72	
s Rd-1		1		19.00	6.20	0.04	4.71	
s Rd-2		1		142.80	5.90	0.04	33.70	
s Rd-3		1		13.60	4.80	0.04	2.61	
s Rd-4		1		16.00	6.60	0.04	4.22	
Cross Rd		1		52.00	6.70	0.04	13.94	
s Rd-8		1		89.00	5.30	0.04	18.87	
s Rd-9		1		58.00	6.40	0.04	14.85	
s Rd-10		1		92.00	5.40	0.04	19.87	
s Rd-11		1		89.00	5.50	0.04	19.58	
s Rd-12		1		180.30	5.70	0.04	41.11	
s Rd-14		1		36.30	5.10	0.04	7.41	
ra Layout								
A Cross Rd		1		83.00	4.90	0.04	16.27	
A Cross Rd		1		86.30	4.00	0.04	13.81	
Cross Rd		1		169.20	5.40	0.04	36.55	
A Cross Rd		1		33.90	4.20	0.04	5.70	
Cross Rd		1		130.40	6.40	0.04	33.38	
sarga Layout								
0041 Ch:00-220 10th R.O Plant road		1		200.00	6.00	0.04	48.00	
0048 Ch:00-100 1st c/s road		1		100.00	5.00	0.04	20.00	
0044 Ch:00-150 2nd c/s road		1		150.00	5.50	0.04	33.00	
0038 Ch:00-175 3rd c/s		1		175.00	6.00	0.04	42.00	
0035 Ch:00-30 1st c/s in 3rd c/s road		1		30.00	4.50	0.04	5.40	
0031 Ch:00-30 2nd c/s in 3rd c/s road		1		30.00	6.00	0.04	7.20	
0027 Ch:00-30 3rd c/s in 3rd c/s road		1		30.00	6.00	0.04	7.20	
0021 Ch:00-30 4th c/s in 3rd c/s road	Cum	1		30.00	6.00	0.04	7.20	
0017 Ch:00-30 5th c/s in 3rd c/s road		1		30.00	6.00	0.04	7.20	
0040 Ch:00-60 3rd A c/s		1		60.00	6.00	0.04	14.40	
0057 Ch:00-120 4th c/s road		1		120.00	6.00	0.04	28.80	
0043 Ch:00-180 10th A main Santo kewl		1		180.00	5.50	0.04	39.60	
0051 Ch:00-35 1st c/s road		1		35.00	5.00	0.04	7.00	
0056 Ch:00-50 2nd c/s road		1		50.00	5.00	0.04	10.00	
0051 Ch:00-210 2nd A c/s road		1		210.00	6.00	0.04	50.40	
0060 Ch:00-30 3rd c/s road		1		30.00	5.00	0.04	6.00	
Ch:00-55 4th c/s road		1		55.00	4.50	0.04	9.90	
Ch:00-45 5th c/s road		1		45.00	6.50	0.04	11.70	
Ch:00-60 6th c/s road		1		60.00	6.50	0.04	15.60	
0039 Ch:00-35 10th A c/s road		1		35.00	6.50	0.04	9.10	
0037 Ch:00-35 10th B c/s road		1		35.00	6.50	0.04	9.10	
0033 Ch:00-35 10th C c/s road		1		35.00	6.50	0.04	9.10	
0029 Ch:00-35 10th D c/s road		1		35.00	6.50	0.04	9.10	

Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
3 Ch:00-230 10th E c/s road		1	230.00	6.50	0.04	59.80		
5 Ch:00-30 c/s in 10th E c/s road		1	30.00	6.50	0.04	7.80		
Main Rd		1	251.40	6.50	0.04	65.36		
Main Rd		1	39.00	6.50	0.04	10.14		
Main Rd		1	39.30	6.50	0.04	10.22		
Main Rd		1	37.00	5.65	0.04	8.36		
Main Rd		1	36.30	5.00	0.04	7.26		
Main Rd		1	66.30	6.80	0.04	18.03		
Main Rd		1	101.00	4.60	0.04	18.58		
Main Rd		1	168.00	5.10	0.04	34.27		
e Road								
Road from Timmaraya swamy temple		1	1417.00	7.90	0.04	447.77		
					Total Qty	1397.89	8450.32	11,812,834.73

Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous ace/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick ding reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface ed glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free streaks and holes complete as per specifications.

VD S.R 2018-19	It. No	24.15			Pg No	182			
e Lane	Sqm	2	1	5950.00	0.10		1190.00		
ter line		1	1	4239.00	0.10		423.90		
						Total Qty	1613.90	454.74	733,904.89

RRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of ycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro matic lens capable of providing total internal reflection of the light entering the lens face and shall pport a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No // NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base all be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less in 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based hesive as per manufacturer's recommendation and complete as directed by the engineer.(P No-187,I -24.41)

PWD S R 2018-19	It. No.	24.41			Pg No	187			
dge Lane	nos	2		118			236		
er 8m interval						Total Qty	236	357.22	84,243.19

irection and Place Identification Signs with size morethan 0.9 Size Board: Providing and erecting irection and place identification retro -reflectorised sign as per IRC:67 made of high i ntensity grade heeting vide Clause 801.3, fixed over aluminium sheeting, 2 mm thick with area not exceeding 0.9 qm supported on a mild steel single angle iron post 75 x 75 x 6 mm , 2 Nos. firmly fixed to the ground by neans of properly designed foundation with M 15 grade cement concrete 45 x 45 x 60 cm, 60 cm below ground level as per approved drawing.

KPWD S R 2018-19	It. No.	24.4			Pg No	180			
Cross roads	sqm	30		0.90		0.9	24.30		
						Total Qty	24.30	7557.80	183,654.54
							Total Constrution cost		87,700,423.03
							GST 12%		10,524,050.76
							Design Report,Proof Checking & PMC Amount		1,754,008.46

Description of Work	Unit	No	Dimension			Quantity	Rate in Rs.	Amount in Rs.
			L	B	D			
							Sub Total	9,99,78,482.25
							Miscellaneous & Rounding Off	21,517.75
							Grand Total	10,00,00,000.00

dicate:-
e workspot was inspected and work is found to be necessary.
e area comes within the Bruhat Bangalore Mahanagara Palike Limits.
e rates adopted based on the PWD SR Bangalore Circle for year 2018-19
e provisions made in the estimate are necessary and essential.

Consultant
For SS Sai Consultants

Assistant Engineer
Ward No.
BBMP - Bangalore

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ಯಲಹಂಕ ಉಪವಿಭಾಗ
Yelahanka New Town Sub-Division
BBMP - Bangalore

Executive Engineer
Yelahanka
BBMP - Bangalore

Technical Sanction
Accorded For Rs.1000.00 Lakhs only
Head of A/C....P-3867
CER NO :...31..... Dt:26.08.2021

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.

Administrative Sanction for Rs. Rs.1000.00 Lakhs
Rupees Ten Crores Only
is accorded under head P-3867
Restoration of 110 villages roads
during MFL by BWSSB
Registered as CE No. 111 Subject
to conditions contained in enclosed memo
No.BBMP/EE/YNKA/AS/14/2021-22 Dt.11/02/2022

Executive Engineer